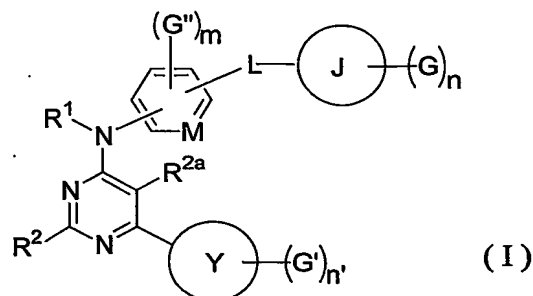


WE CLAIM:

1. A compound having the structure



wherein

$R^1$  represents H,  $(C_1-C_3)$ alkyl, or cyclopropyl;

$R^2$  represents  $(C_1-C_3)$ alkyl, cyclopropyl,  $O(C_1-C_3)$ alkyl, or  $NR^3R^4$

wherein  $R^3$  and  $R^4$  are H,  $(C_1-C_3)$ alkyl, or cyclopropyl;

$R^{2a}$  represents H or halogen;

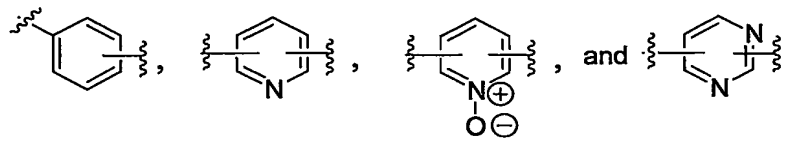
M represents CH or N;

L represents a carbonyl group, O,  $NR^5$ ,  $CR^6R^7$ , or  $(C_2-C_3)$ alkylenyl which is optionally substituted up to twice by groups independently selected from halogen and OH; wherein

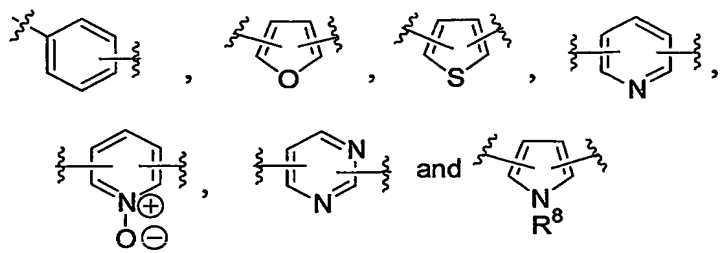
$R^5$  is H or  $(C_1-C_3)$ alkyl; and

$R^6$  and  $R^7$  are independently H,  $CH_3$ , halogen, or OH;

J represents an aromatic or heteroaromatic ring selected from the group consisting of



Y represents an aromatic or heteroaromatic ring selected from the group consisting of



wherein  $R^8$  represents H or  $(C_1-C_3)$ alkyl;

G'' represents a substituent selected from the group consisting of (C<sub>1</sub>-C<sub>3</sub>)alkyl, cyclopropyl, O(C<sub>1</sub>-C<sub>3</sub>)alkyl, halogen, CF<sub>3</sub>, CN and CO<sub>2</sub>R<sup>9</sup>;

wherein

R<sup>9</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and

m represents the number of substituents G'', and is 0, 1, or 2;

G represents a substituent located on ring J;

G' represents a substituent located on ring Y;

n represents the number of substituents G; and

n' represents the number of substituents G' ;

n and n' are independently 0, 1, 2, or 3, subject to the provisos that

- 1) ring J and ring Y each may be substituted independently up to 3 times by substituents listed below as numbers G1-G2, to a maximum total of 4 substituents on rings J and Y,
- 2) ring J and ring Y each may be substituted independently up to 2 times by substituents listed below as numbers G3-G11, to a maximum total of 3 substituents on rings J and Y, and
- 3) ring J and ring Y each may be substituted independently once by a substituent selected from those listed below as numbers G12-G37;

and subject to the further provisos

- 4) when J is phenyl, G is other than OH or alkylthio; and when J is phenyl or pyridyl, n is 1, 2, or 3;
- 5) when J is phenyl, and G is G4 shown below, then R<sup>2</sup> is NR<sup>3</sup>R<sup>4</sup>;

G and G' moieties are independently selected from the group consisting of:

G1) halogen ;

G2) O(C<sub>1</sub>-C<sub>4</sub>)alkyl which optionally is substituted up to two times by O(C<sub>1</sub>-C<sub>2</sub>)alkyl;

G3) OH ;

G4) (C<sub>1</sub>-C<sub>5</sub>)alkyl, which is optionally substituted independently up to two times by groups selected from hydroxyl and cyano, or up to three times by halogen;

G5)  $\text{OCF}_3$ ;

G6)  $\text{NHC(O)(C}_1\text{-C}_3\text{)alkyl}$ ;

5 G7)  $\text{NHSO}_2(\text{C}_1\text{-C}_3\text{)alkyl}$ ;

G8)  $\text{NR}^{10}\text{R}^{11}$ , wherein

$\text{R}^{10}$  and  $\text{R}^{11}$  are independently selected from

H,

10  $\text{CH}_3$ ,

cyclopropyl,

benzyl,

$\text{NR}^{12}\text{R}^{13}$  wherein

15  $\text{R}^{12}$  and  $\text{R}^{13}$  are independently H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ,  
provided that both  $\text{R}^{10}$  and  $\text{R}^{11}$  are not  $\text{NR}^{12}\text{R}^{13}$   
simultaneously,

and

$(\text{C}_2\text{-C}_4)\text{alkyl}$  which is optionally substituted up to three times  
by halogen, and up to two times by substituent groups  
independently selected from hydroxyl,  $\text{O}(\text{C}_1\text{-C}_3)\text{alkyl}$ ,  
and  $\text{NR}^{14}\text{R}^{15}$ , wherein

20  $\text{R}^{14}$  and  $\text{R}^{15}$  are independently H or  
 $(\text{C}_1\text{-C}_3)\text{alkyl}$ , or

$\text{R}^{14}$  and  $\text{R}^{15}$  can join to form a heterocycle of formula

25  wherein

Q represents  $\text{CH}_2$ , O, or  $\text{NR}^{16}$ , and

$\text{R}^{16}$  represents H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ,

or

30  $\text{R}^{10}$  and  $\text{R}^{11}$  may be joined to form a saturated 5-6-membered  
N-containing ring which is optionally substituted up to two  
times by

OH,

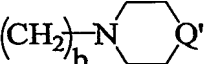
$\text{NR}^{17}\text{R}^{18}$ , wherein

$R^{17}$  and  $R^{18}$  are H or  $(C_1-C_3)$ alkyl,  
 or by  
 $(C_1-C_3)$ alkyl which is optionally substituted up to two times by  
 halogen, OH, or  $O(C_1-C_3)$ alkyl;

5

G9)  $(CH_2)_a-NR^{19}R^{20}$  wherein  
 $R^{19}$  and  $R^{20}$  are independently H,  $(C_1-C_5)$ alkyl, or  
 $(C_3-C_6)$ cycloalkyl, or may be joined to form a saturated  
 5-6-membered N-containing ring; and  
 the subscript "a" is an integer of 1-4;

10

G10)  $(CH_2)_b-N$   wherein  
 $Q'$  is O or  $NR^{21}$  ;  
 $R^{21}$  is H,  $(C_1-C_3)$ alkyl, or cyclopropyl; and  
 the subscript "b" is an integer of 1-3;

15

G11)  $CH_2NR^{22}(CH_2)_cOCH_3$  wherein  
 $R^{22}$  is H,  $(C_1-C_3)$ alkyl, or cyclopropyl; and  
 the subscript "c" is an integer of 2-4;

20

G12)  $OSO_2NR^{23}R^{24}$  wherein  
 $R^{23}$  and  $R^{24}$  independently represent H,  $CH_3$ , or  $(C_2-C_4)$ alkyl  
 which may optionally be substituted once by OH or  
 $NR^{25}R^{26}$ , wherein  
 $R^{25}$  and  $R^{26}$  independently represent H or  
 $(C_1-C_3)$ alkyl;

25

G13) CN ;

30

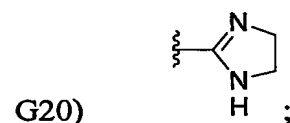
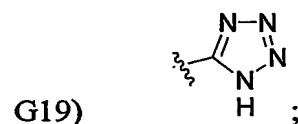
G14)  $NO_2$  ;

G15) cyclopropyl ;

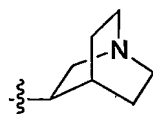
G16)  $\text{OR}^{27}$ , wherein  
 $\text{R}^{27}$  represents phenyl or benzyl;

G17)  $\text{S}(\text{C}_1\text{-C}_3)\text{alkyl}$ ;

G18)  $\text{CH}=\text{CH}-(\text{CH}_2)_{1-3}-\text{OR}^5$ ; wherein  
 $\text{R}^5$  represents H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ;



G21)  $\text{C}(\text{O})\text{NR}^{28}\text{R}^{29}$ , wherein  
 $\text{R}^{28}$  and  $\text{R}^{29}$  are independently selected from  
H,  
cyclopropyl, provided that both  $\text{R}^{28}$  and  $\text{R}^{29}$  are not  
simultaneously cyclopropyl,



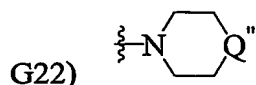
, provided that this group does not constitute both  
 $\text{R}^{28}$  and  $\text{R}^{29}$  simultaneously,

and

$(\text{C}_1\text{-C}_3)\text{alkyl}$  which is optionally substituted up to two times by  
OH;

or

$\text{R}^{28}$  and  $\text{R}^{29}$  may be joined to form a saturated 5-6-membered  
N-containing ring which is optionally substituted up to two  
times by OH, or by  $(\text{C}_1\text{-C}_3)\text{alkyl}$  which in turn is optionally  
substituted up to two times by OH or  $\text{O}(\text{C}_1\text{-C}_3)\text{alkyl}$ ;



wherein

 $Q''$  is O or  $NR^{30}$ , and $R^{30}$  is

H,

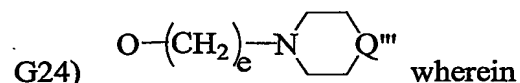
cyclopropyl, or

(C<sub>1</sub>-C<sub>3</sub>)alkyl which is optionally substituted once by  
halogen, OH, or O(C<sub>1</sub>-C<sub>3</sub>)alkyl; $R^{31}$  and  $R^{32}$  are independently H, (C<sub>1</sub>-C<sub>3</sub>)alkyl, or cyclopropyl,

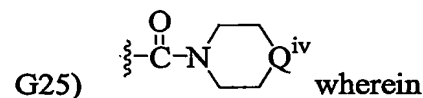
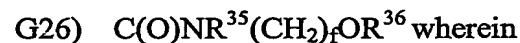
or may be joined to form a saturated 5-6-membered

N-containing ring; and

the subscript "d" is an integer of 2-4;



the subscript "e" is an integer of 2-3; and

 $Q'''$  is O or  $NR^{33}$ ; and $R^{33}$  is H, (C<sub>1</sub>-C<sub>3</sub>)alkyl, or cyclopropyl; $Q^{iv}$  is O or  $NR^{34}$ ; and $R^{34}$  is H, (C<sub>1</sub>-C<sub>3</sub>)alkyl, or cyclopropyl; $R^{35}$  is H, (C<sub>1</sub>-C<sub>3</sub>)alkyl, or cyclopropyl; $R^{36}$  is (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally substituted up to two times by  
halogen, OH, or O(C<sub>1</sub>-C<sub>3</sub>)alkyl, and

the subscript "f" is an integer of 2-4;

 $R^{37}$  is H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G28) phenyl, which is optionally substituted by up to 2 groups selected from halogen, (C<sub>1</sub>-C<sub>3</sub>)alkyl, OR<sup>38</sup>, CN, CF<sub>3</sub>, and NR<sup>39</sup>R<sup>40</sup> wherein

R<sup>38</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and  
R<sup>39</sup> and R<sup>40</sup> represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G29) NR<sup>41</sup>SO<sub>2</sub>NR<sup>42</sup>R<sup>43</sup> wherein

R<sup>41</sup> represents H, or (C<sub>1</sub>-C<sub>4</sub>)alkyl, and  
R<sup>42</sup> and R<sup>43</sup> independently represent H, CH<sub>3</sub>, or (C<sub>2</sub>-C<sub>3</sub>)alkyl which may optionally be substituted once by -OH or NR<sup>44</sup>R<sup>45</sup>, wherein

R<sup>44</sup> and R<sup>45</sup> independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G30) OC(O)-CH<sub>2</sub>-NR<sup>46</sup>R<sup>47</sup> wherein

R<sup>46</sup> and R<sup>47</sup> independently represent H, (C<sub>1</sub>-C<sub>3</sub>)alkyl, or CO<sub>2</sub>(t-butyl), provided that R<sup>46</sup> and R<sup>47</sup> are not both simultaneously CO<sub>2</sub>(t-butyl);

G31) N(R<sup>48</sup>)C(O)R<sup>49</sup> wherein

R<sup>48</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and  
R<sup>49</sup> represents

(CH<sub>2</sub>)<sub>1-3</sub>-CO<sub>2</sub>H,

O(C<sub>2</sub>-C<sub>4</sub>)alkyl,

(CH<sub>2</sub>)<sub>1-4</sub>-NR<sup>50</sup>R<sup>51</sup> wherein

R<sup>50</sup> and R<sup>51</sup> independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl, or

CH(R<sup>52</sup>)-NR<sup>53</sup>R<sup>54</sup> wherein

R<sup>52</sup> represents (CH<sub>2</sub>)<sub>1-4</sub>-NH<sub>2</sub>, CH<sub>2</sub>OH, CH(CH<sub>3</sub>)OH, or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and

R<sup>53</sup> and R<sup>54</sup> independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G32)  $C(O)-(C_1-C_3)\text{alkyl}$ ;

G33)  $(CH_2)_g-N(R^{55})-C(O)-R^{56}$  wherein

$g$  represents 1, 2, or 3;

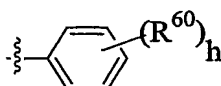
$R^{55}$  represents H or  $(C_1-C_3)\text{alkyl}$ ;

$R^{56}$  represents

$(C_1-C_3)\text{alkyl}$  optionally substituted up to two times by  
 $OR^{57}$  or  $NR^{58}R^{59}$ , wherein

$R^{57}$  represents H or  $(C_1-C_3)\text{alkyl}$ , and

$R^{58}$  and  $R^{59}$  each represents H or  
 $(C_1-C_3)\text{alkyl}$ ,

or  $R^{56}$  represents  wherein

$R^{60}$  represents halogen,  $(C_1-C_3)\text{alkyl}$ ,  $O(C_1-C_3)\text{alkyl}$ ,  
 CN, OH,  $CF_3$ , or  $NR^{61}R^{62}$ , wherein

$R^{61}$  and  $R^{62}$  represent H or  $(C_1-C_3)\text{alkyl}$ ;

and

$h$  represents 0, 1, or 2;

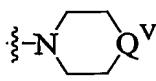
G34)  $(CH_2)_i-N(R^{63})-C(O)-NR^{64}R^{65}$  wherein

$i$  represents 1, 2, or 3;

$R^{63}$  represents H or  $(C_1-C_3)\text{alkyl}$ ;

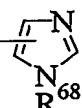
$R^{64}$  and  $R^{65}$  each represents H or  $(C_1-C_3)\text{alkyl}$ ;

or

$R^{64}$  and  $R^{65}$  may be joined to form  wherein

$Q^V$  represents  $CH_2$ , O or  $NR^{66}$  wherein

$R^{66}$  represents H or  $(C_1-C_3)\text{alkyl}$ ;

G35)  $(CH_2)_j-N(R^{67})-SO_2-$   wherein

$j$  represents 1, 2, or 3;

$R^{67}$  represents H or  $(C_1-C_3)\text{alkyl}$ ; and



$R^{68}$  represents H or  $(C_1-C_3)$ alkyl;

G36)  $(CH_2)_k-N(R^{69})-SO_2-R^{70}$  wherein

k represents 1, 2, or 3;

$R^{69}$  represents H or  $(C_1-C_3)$ alkyl; and

$R^{70}$  represents  $(C_1-C_4)$ alkyl, or phenyl which is optionally substituted up to perhalo by halogen or up to three times by  $OR^{71}$ , CN,  $CF_3$ , or  $NR^{72}R^{73}$ , wherein

$R^{71}$  represents H or  $(C_1-C_3)$ alkyl; and

$R^{72}$  and  $R^{73}$  each represents H or  $(C_1-C_3)$ alkyl;

G37)  $CH=CH-(CH_2)_{1-3}-NR^{74}R^{75}$  wherein

$R^{74}$  and  $R^{75}$  represent H or  $(C_1-C_3)$ alkyl;

or a pharmaceutically acceptable salt, solvate, solvate of a salt, or stereoisomer thereof.

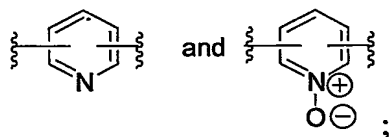
2. The compound of claim 1

wherein

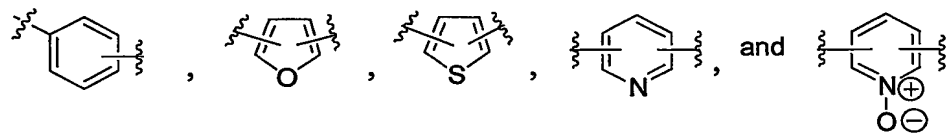
$R^1$  represents H;

M represents CH;

J represents a heteroaromatic ring selected from the group consisting of



Y represents an aromatic or heteroaromatic ring selected from the group consisting of



n and n' are independently 0, 1, 2, or 3, subject to the provisos that

- 1) ring J and ring Y each may be substituted independently up to 3 times by substituents listed below as numbers G1-G2, to a maximum total of 4 substituents on rings J and Y,
- 2) ring J and ring Y each may be substituted independently up to 2 times by substituents listed below as numbers G3-G5 and G8, to a maximum total of 3 substituents on rings J and Y, and

- 3) ring J and ring Y each may be substituted independently once by a substituent selected from those listed below as numbers G12, G13, G22, G29, and G31;

and subject to the further proviso

- 5           4) when J is pyridyl, n is 1, 2, or 3;

and proviso 5 does not apply;

G and G' moieties are independently selected from the group consisting of:

G1) halogen ;

- 10           G2)  $O(C_1-C_4)\text{alkyl}$  which optionally is substituted up to two times by  $O(C_1-C_2)\text{alkyl}$ ;

G3) OH ;

- 15           G4)  $(C_1-C_5)\text{alkyl}$ , which is optionally substituted independently up to two times by groups selected from hydroxyl and cyano, or up to three times by halogen;

G5)  $OCF_3$  ;

20

- G8)  $NR^{10}R^{11}$ , wherein  
 $R^{10}$  and  $R^{11}$  are independently selected from

H,

$CH_3$ ,

25

cyclopropyl,

benzyl,

$NR^{12}R^{13}$  wherein

$R^{12}$  and  $R^{13}$  are independently H or  $(C_1-C_3)\text{alkyl}$ ,  
provided that both  $R^{10}$  and  $R^{11}$  are not  $NR^{12}R^{13}$   
30 simultaneously,

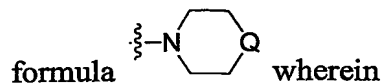
and

$(C_2-C_4)\text{alkyl}$  which is optionally substituted up to three times  
by halogen, and up to two times by substituent groups

independently selected from hydroxyl, O(C<sub>1</sub>-C<sub>3</sub>)alkyl, and NR<sup>14</sup>R<sup>15</sup>, wherein

R<sup>14</sup> and R<sup>15</sup> are independently H or (C<sub>1</sub>-C<sub>3</sub>)alkyl, or

R<sup>14</sup> and R<sup>15</sup> can join to form a heterocycle of



Q represents CH<sub>2</sub>, O, or NR<sup>16</sup>, and

R<sup>16</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl,

or

R<sup>10</sup> and R<sup>11</sup> may be joined to form a saturated 5-6-membered N-containing ring which is optionally substituted up to two times by

OH,

NR<sup>17</sup>R<sup>18</sup>, wherein

R<sup>17</sup> and R<sup>18</sup> are H or (C<sub>1</sub>-C<sub>3</sub>)alkyl,

or by

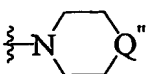
(C<sub>1</sub>-C<sub>3</sub>)alkyl which is optionally substituted up to two times by halogen, OH, or O(C<sub>1</sub>-C<sub>3</sub>)alkyl;

G12) OSO<sub>2</sub>NR<sup>23</sup>R<sup>24</sup> wherein

R<sup>23</sup> and R<sup>24</sup> independently represent H, CH<sub>3</sub>, or (C<sub>2</sub>-C<sub>4</sub>)alkyl which may optionally be substituted once by OH or NR<sup>25</sup>R<sup>26</sup>, wherein

R<sup>25</sup> and R<sup>26</sup> independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G13) CN;

G22)  wherein

Q'' is O or NR<sup>30</sup>, and

R<sup>30</sup> is

H,

cyclopropyl, or  
 (C<sub>1</sub>-C<sub>3</sub>)alkyl which is optionally substituted once by  
 halogen, OH, or O(C<sub>1</sub>-C<sub>3</sub>)alkyl;

5 G29) NR<sup>41</sup>SO<sub>2</sub>NR<sup>42</sup>R<sup>43</sup> wherein  
       R<sup>41</sup> represents H, or (C<sub>1</sub>-C<sub>4</sub>)alkyl, and  
       R<sup>42</sup> and R<sup>43</sup> independently represent H, CH<sub>3</sub>, or (C<sub>2</sub>-C<sub>3</sub>)alkyl  
       which may optionally be substituted once by -OH or  
       NR<sup>44</sup>R<sup>45</sup>, wherein  
 10       R<sup>44</sup> and R<sup>45</sup> independently represent H or  
       (C<sub>1</sub>-C<sub>3</sub>)alkyl; and

G31) N(R<sup>48</sup>)C(O)R<sup>49</sup> wherein  
       R<sup>48</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and  
 15       R<sup>49</sup> represents  
       (CH<sub>2</sub>)<sub>1-3</sub>-CO<sub>2</sub>H,  
       O(C<sub>2</sub>-C<sub>4</sub>)alkyl,  
       (CH<sub>2</sub>)<sub>1-4</sub>-NR<sup>50</sup>R<sup>51</sup> wherein  
       R<sup>50</sup> and R<sup>51</sup> independently represent H or  
 20       (C<sub>1</sub>-C<sub>3</sub>)alkyl, or  
       CH(R<sup>52</sup>)-NR<sup>53</sup>R<sup>54</sup> wherein  
       R<sup>52</sup> represents (CH<sub>2</sub>)<sub>1-4</sub>-NH<sub>2</sub>, CH<sub>2</sub>OH,  
       CH(CH<sub>3</sub>)OH, or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and  
       R<sup>53</sup> and R<sup>54</sup> independently represent H or  
 25       (C<sub>1</sub>-C<sub>3</sub>)alkyl.

3. The compound of claim 2  
       wherein  
 30       R<sup>1</sup> represents H;  
       R<sup>2</sup> represents O(C<sub>1</sub>-C<sub>3</sub>)alkyl or NR<sup>3</sup>R<sup>4</sup>  
       wherein R<sup>3</sup> and R<sup>4</sup> are H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;  
       R<sup>2a</sup> represents H;  
       L represents O or CR<sup>6</sup>R<sup>7</sup> wherein

$R^6$  and  $R^7$  are independently H,  $CH_3$ , or OH;

$G''$  represents a substituent selected from the group consisting of  $O(C_1-C_3)alkyl$ , halogen, and  $CF_3$ ;

$n$  and  $n'$  are independently 0 or 1, and provisos 1-3 do not apply;

5  $G$  and  $G'$  moieties are independently selected from the group consisting of:

G1) Cl or F;

G2)  $O(C_1-C_3)alkyl$ ;

10 G3) OH ;

G4)  $(C_1-C_3)alkyl$ , which is optionally substituted up to three times by halogen;

15 G5)  $OCF_3$ ;

G8)  $NR^{10}R^{11}$ , wherein

$R^{10}$  and  $R^{11}$  are independently selected from

H,

20  $CH_3$ ,

cyclopropyl,

benzyl,

$NR^{12}R^{13}$  wherein

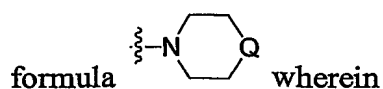
25  $R^{12}$  and  $R^{13}$  are independently H or  $(C_1-C_3)alkyl$ ,  
provided that both  $R^{10}$  and  $R^{11}$  are not  $NR^{12}R^{13}$   
simultaneously,

and

30  $(C_2-C_4)alkyl$  which is optionally substituted up to three times  
by halogen, and up to two times by substituent groups  
independently selected from hydroxyl,  $O(C_1-C_3)alkyl$ ,  
and  $NR^{14}R^{15}$ , wherein

$R^{14}$  and  $R^{15}$  are independently H or  
 $(C_1-C_3)alkyl$ , or

$R^{14}$  and  $R^{15}$  can join to form a heterocycle of



Q represents  $\text{CH}_2$ , O, or  $\text{NR}^{16}$ , and

$R^{16}$  represents H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ,

5

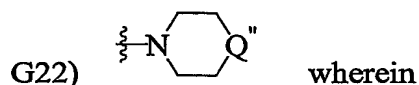
G12)  $\text{OSO}_2\text{NR}^{23}\text{R}^{24}$  wherein

$R^{23}$  and  $R^{24}$  independently represent H,  $\text{CH}_3$ , or  $(\text{C}_2\text{-C}_4)\text{alkyl}$  which may optionally be substituted once by OH or  $\text{NR}^{25}\text{R}^{26}$ , wherein

10

$R^{25}$  and  $R^{26}$  independently represent H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ;

G13) CN ;



15

$Q''$  is O or  $\text{NR}^{30}$ , and

$R^{30}$  is H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ; and

G31)  $\text{N}(\text{R}^{48})\text{C}(\text{O})\text{R}^{49}$  wherein

$R^{48}$  represents H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ; and

20

$R^{49}$  represents

$(\text{CH}_2)_{1-3}\text{-CO}_2\text{H}$ ,

$\text{O}(\text{C}_2\text{-C}_4)\text{alkyl}$ ,

$(\text{CH}_2)_{1-4}\text{-NR}^{50}\text{R}^{51}$  wherein

$R^{50}$  and  $R^{51}$  independently represent H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ,

25

or

$\text{CH}(\text{R}^{52})\text{-NR}^{53}\text{R}^{54}$  wherein

$R^{52}$  represents  $(\text{CH}_2)_{1-4}\text{-NH}_2$ ,  $\text{CH}_2\text{OH}$ ,  $\text{CH}(\text{CH}_3)\text{OH}$ , or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ; and

$R^{53}$  and  $R^{54}$  independently represent H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ .

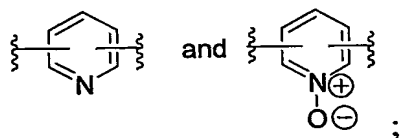
30

4. The compound of claim 1  
wherein

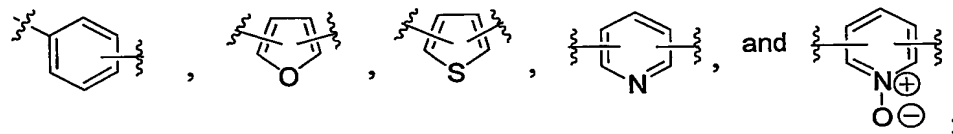
$R^1$  represents H;

M represents CH;

J represents a heteroaromatic ring selected from the group consisting of



5 Y represents an aromatic or heteroaromatic ring selected from the group consisting of



n and n' are independently 0, 1, 2, or 3, subject to the provisos that

- 1) ring J and ring Y each may be substituted independently up to 3 times by substituents listed below as numbers G1-G2, to a maximum total of 4 substituents on rings J and Y,
- 2) ring J and ring Y each may be substituted independently up to 2 times by substituents listed below as numbers G3-G5 and G8, to a maximum total of 3 substituents on rings J and Y, and
- 3) ring J and ring Y each may be substituted independently once by a substituent selected from those listed below as numbers G12, G21, G25, G26, and G31;

and subject to the further proviso

- 4) when J is pyridyl, n is 1, 2, or 3;

and proviso 5 does not apply;

20 G and G' moieties are independently selected from the group consisting of:

G1) halogen ;

G2)  $O(C_1-C_4)alkyl$  which optionally is substituted up to two times by  $O(C_1-C_2)alkyl$ ;

G3) OH ;

G4)  $(C_1-C_5)alkyl$ , which is optionally substituted independently up to two times by groups selected from hydroxyl and cyano, or up to three times by halogen;

G5)  $\text{OCF}_3$ ;

G8)  $\text{NR}^{10}\text{R}^{11}$ , wherein

$\text{R}^{10}$  and  $\text{R}^{11}$  are independently selected from

H,

$\text{CH}_3$ ,

cyclopropyl,

benzyl,

$\text{NR}^{12}\text{R}^{13}$  wherein

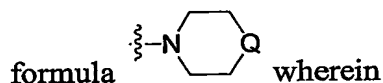
$\text{R}^{12}$  and  $\text{R}^{13}$  are independently H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ,  
provided that both  $\text{R}^{10}$  and  $\text{R}^{11}$  are not  $\text{NR}^{12}\text{R}^{13}$   
simultaneously,

and

$(\text{C}_2\text{-C}_4)\text{alkyl}$  which is optionally substituted up to three times  
by halogen, and up to two times by substituent groups  
independently selected from hydroxyl,  $\text{O}(\text{C}_1\text{-C}_3)\text{alkyl}$ ,  
and  $\text{NR}^{14}\text{R}^{15}$ , wherein

$\text{R}^{14}$  and  $\text{R}^{15}$  are independently H or  
 $(\text{C}_1\text{-C}_3)\text{alkyl}$ , or

$\text{R}^{14}$  and  $\text{R}^{15}$  can join to form a heterocycle of



Q represents  $\text{CH}_2$ , O, or  $\text{NR}^{16}$ , and

$\text{R}^{16}$  represents H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ,

or

$\text{R}^{10}$  and  $\text{R}^{11}$  may be joined to form a saturated 5-6-membered  
N-containing ring which is optionally substituted up to two  
times by

OH,

$\text{NR}^{17}\text{R}^{18}$ , wherein

$\text{R}^{17}$  and  $\text{R}^{18}$  are H or  $(\text{C}_1\text{-C}_3)\text{alkyl}$ ,

or by



(C<sub>1</sub>-C<sub>3</sub>)alkyl which is optionally substituted up to two times by halogen, OH, or O(C<sub>1</sub>-C<sub>3</sub>)alkyl;

G12) OSO<sub>2</sub>NR<sup>23</sup>R<sup>24</sup> wherein

R<sup>23</sup> and R<sup>24</sup> independently represent H, CH<sub>3</sub>, or (C<sub>2</sub>-C<sub>4</sub>)alkyl which may optionally be substituted once by OH or NR<sup>25</sup>R<sup>26</sup>, wherein

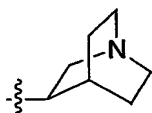
R<sup>25</sup> and R<sup>26</sup> independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G21) C(O)NR<sup>28</sup>R<sup>29</sup>, wherein

R<sup>28</sup> and R<sup>29</sup> are independently selected from

H,

cyclopropyl, provided that both R<sup>28</sup> and R<sup>29</sup> are not simultaneously cyclopropyl,



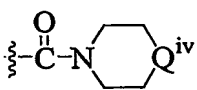
, provided that this group does not constitute both R<sup>28</sup> and R<sup>29</sup> simultaneously,

and

(C<sub>1</sub>-C<sub>3</sub>)alkyl which is optionally substituted up to two times by OH;

or

R<sup>28</sup> and R<sup>29</sup> may be joined to form a saturated 5-6-membered N-containing ring which is optionally substituted up to two times by OH, or by (C<sub>1</sub>-C<sub>3</sub>)alkyl which in turn is optionally substituted up to two times by OH or O(C<sub>1</sub>-C<sub>3</sub>)alkyl;

G25)  wherein

Q<sup>iv</sup> is O or NR<sup>34</sup>; and

R<sup>34</sup> is H, (C<sub>1</sub>-C<sub>3</sub>)alkyl, or cyclopropyl;

G26) C(O)NR<sup>35</sup>(CH<sub>2</sub>)<sub>f</sub>OR<sup>36</sup> wherein

$R^{35}$  is H, (C<sub>1</sub>-C<sub>3</sub>)alkyl, or cyclopropyl;  
 $R^{36}$  is (C<sub>1</sub>-C<sub>6</sub>)alkyl optionally substituted up to two times by  
 halogen, OH, or O(C<sub>1</sub>-C<sub>3</sub>)alkyl, and  
 the subscript "p" is an integer of 2-4; and

5  
 G31)  $N(R^{48})C(O)R^{49}$  wherein  
 $R^{48}$  represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and  
 $R^{49}$  represents  
 10 (CH<sub>2</sub>)<sub>1-3</sub>-CO<sub>2</sub>H,  
 O(C<sub>2</sub>-C<sub>4</sub>)alkyl,  
 (CH<sub>2</sub>)<sub>1-4</sub>-NR<sup>50</sup>R<sup>51</sup> wherein  
 $R^{50}$  and  $R^{51}$  independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl,  
 or  
 CH(R<sup>52</sup>)-NR<sup>53</sup>R<sup>54</sup> wherein  
 15  $R^{52}$  represents (CH<sub>2</sub>)<sub>1-4</sub>-NH<sub>2</sub>, CH<sub>2</sub>OH, CH(CH<sub>3</sub>)OH, or  
 (C<sub>1</sub>-C<sub>3</sub>)alkyl; and  
 $R^{53}$  and  $R^{54}$  independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl.

5. The compound of claim 4

20 wherein

$R^1$  represents H;

$R^2$  represents O(C<sub>1</sub>-C<sub>3</sub>)alkyl or NR<sup>3</sup>R<sup>4</sup>

wherein  $R^3$  and  $R^4$  are H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

$R^{2a}$  represents H;

25 L represents O or CR<sup>6</sup>R<sup>7</sup>, wherein

$R^6$  and  $R^7$  are independently H, CH<sub>3</sub>, or OH;

G' represents a substituent selected from the group consisting of O(C<sub>1</sub>-C<sub>3</sub>)alkyl,  
 halogen, and CF<sub>3</sub>;

n and n' are independently 0 or 1, and provisos 1-3 do not apply;

30 G and G' moieties are independently selected from the group consisting of:

G1) Cl or F;

G2) O(C<sub>1</sub>-C<sub>3</sub>)alkyl;

G3) OH ;

G4) (C<sub>1</sub>-C<sub>3</sub>)alkyl, which is optionally substituted up to three times by halogen;

G5) OCF<sub>3</sub>;

G8) NR<sup>10</sup>R<sup>11</sup>, wherein  
R<sup>10</sup> and R<sup>11</sup> are independently selected from

H,

CH<sub>3</sub>,

cyclopropyl,

benzyl,

NR<sup>12</sup>R<sup>13</sup> wherein

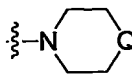
R<sup>12</sup> and R<sup>13</sup> are independently H or (C<sub>1</sub>-C<sub>3</sub>)alkyl,  
provided that both R<sup>10</sup> and R<sup>11</sup> are not NR<sup>12</sup>R<sup>13</sup>  
simultaneously,

and

(C<sub>2</sub>-C<sub>4</sub>)alkyl which is optionally substituted up to three times  
by halogen, and up to two times by substituent groups  
independently selected from hydroxyl, O(C<sub>1</sub>-C<sub>3</sub>)alkyl,  
and NR<sup>14</sup>R<sup>15</sup>, wherein

R<sup>14</sup> and R<sup>15</sup> are independently H or  
(C<sub>1</sub>-C<sub>3</sub>)alkyl, or

R<sup>14</sup> and R<sup>15</sup> can join to form a heterocycle of

formula  wherein

Q represents CH<sub>2</sub>, O, or NR<sup>16</sup>, and

R<sup>16</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl,

G12) OSO<sub>2</sub>NR<sup>23</sup>R<sup>24</sup> wherein

R<sup>23</sup> and R<sup>24</sup> independently represent H, CH<sub>3</sub>, or (C<sub>2</sub>-C<sub>4</sub>)alkyl which  
may optionally be substituted once by OH or NR<sup>25</sup>R<sup>26</sup>,  
wherein

$R^{25}$  and  $R^{26}$  independently represent H or  $(C_1-C_3)$ alkyl;

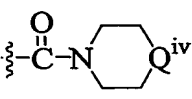
G21)  $C(O)NR^{28}R^{29}$ , wherein

$R^{28}$  and  $R^{29}$  are independently selected from

H

and

$(C_1-C_3)$ alkyl which is optionally substituted up to two times by OH;

G25)  wherein

$Q^{iv}$  is O or  $NR^{34}$ ; and

$R^{34}$  is H or  $(C_1-C_3)$ alkyl;

G26)  $C(O)NR^{35}(CH_2)_fOR^{36}$  wherein

$R^{35}$  is H or  $(C_1-C_3)$ alkyl;

$R^{36}$  is  $(C_1-C_6)$ alkyl optionally substituted up to two times by halogen, OH, or  $O(C_1-C_3)$ alkyl, and the subscript "f" is an integer of 2-4; and

G31)  $N(R^{48})C(O)R^{49}$  wherein

$R^{48}$  represents H or  $(C_1-C_3)$ alkyl; and

$R^{49}$  represents

$(CH_2)_{1-3}-CO_2H$ ,

$O(C_2-C_4)$ alkyl,

$(CH_2)_{1-4}-NR^{50}R^{51}$  wherein

$R^{50}$  and  $R^{51}$  independently represent H or  $(C_1-C_3)$ alkyl,

or

$CH(R^{52})-NR^{53}R^{54}$  wherein

$R^{52}$  represents  $(CH_2)_{1-4}-NH_2$ ,  $CH_2OH$ ,  $CH(CH_3)OH$ , or  $(C_1-C_3)$ alkyl; and

$R^{53}$  and  $R^{54}$  independently represent H or  $(C_1-C_3)$ alkyl.

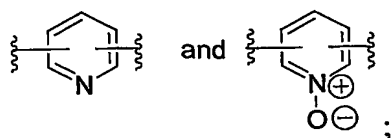
6. The compound of claim 1

wherein

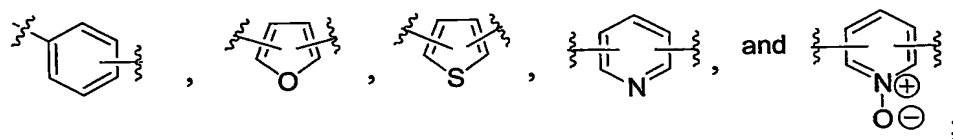
$R^1$  represents H;

M represents CH;

J represents an aromatic or heteroaromatic ring selected from the group consisting of



Y represents an aromatic or heteroaromatic ring selected from the group consisting of



n and n' are independently 0, 1, 2, or 3, subject to the provisos that

- 1) ring J and ring Y each may be substituted independently up to 3 times by substituents listed below as numbers G1-G2, to a maximum total of 4 substituents on rings J and Y,
- 2) ring J and ring Y each may be substituted independently up to 2 times by substituents listed below as numbers G3-G5 and G8, to a maximum total of 3 substituents on rings J and Y, and
- 3) ring J and ring Y each may be substituted independently once by a substituent selected from those listed below as numbers G12, G22, and G31;

and subject to the further proviso

- 4) when J is pyridyl, n is 1, 2, or 3;

and proviso 5 does not apply;

G and G' moieties are independently selected from the group consisting of:

G1) halogen ;

G2)  $O(C_1-C_4)$ alkyl which optionally is substituted up to two times by  $O(C_1-C_2)$ alkyl;

G3) OH ;

G4) (C<sub>1</sub>-C<sub>5</sub>)alkyl, which is optionally substituted independently up to two times by groups selected from hydroxyl and cyano, or up to three times by halogen;

5 G5) OCF<sub>3</sub>;

G8) NR<sup>10</sup>R<sup>11</sup>, wherein

R<sup>10</sup> and R<sup>11</sup> are independently selected from

H,

10 CH<sub>3</sub>,

cyclopropyl,

benzyl,

NR<sup>12</sup>R<sup>13</sup> wherein

15 R<sup>12</sup> and R<sup>13</sup> are independently H or (C<sub>1</sub>-C<sub>3</sub>)alkyl, provided that both R<sup>10</sup> and R<sup>11</sup> are not NR<sup>12</sup>R<sup>13</sup> simultaneously,

and

(C<sub>2</sub>-C<sub>4</sub>)alkyl which is optionally substituted up to three times by halogen, and up to two times by substituent groups independently selected from hydroxyl, O(C<sub>1</sub>-C<sub>3</sub>)alkyl, and NR<sup>14</sup>R<sup>15</sup>, wherein

20 R<sup>14</sup> and R<sup>15</sup> are independently H or (C<sub>1</sub>-C<sub>3</sub>)alkyl, or

R<sup>14</sup> and R<sup>15</sup> can join to form a heterocycle of

25 formula  wherein

Q represents CH<sub>2</sub>, O, or NR<sup>16</sup>, and

R<sup>16</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl,

or

30 R<sup>10</sup> and R<sup>11</sup> may be joined to form a saturated 5-6-membered N-containing ring which is optionally substituted up to two times by

OH,

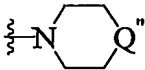
NR<sup>17</sup>R<sup>18</sup>, wherein

$R^{17}$  and  $R^{18}$  are H or  $(C_1-C_3)$ alkyl,  
 or by  
 $(C_1-C_3)$ alkyl which is optionally substituted up to two times by  
 halogen, OH, or  $O(C_1-C_3)$ alkyl;

5

G12)  $OSO_2NR^{23}R^{24}$  wherein  
 $R^{23}$  and  $R^{24}$  independently represent H,  $CH_3$ , or  $(C_2-C_4)$ alkyl which  
 may optionally be substituted once by OH or  $NR^{25}R^{26}$ ,  
 wherein  
 $R^{25}$  and  $R^{26}$  independently represent H or  $(C_1-C_3)$ alkyl;

10

G22)  wherein  
 $Q''$  is O or  $NR^{30}$ , and  
 $R^{30}$  is  
 H,  
 cyclopropyl, or  
 $(C_1-C_3)$ alkyl which is optionally substituted once by  
 halogen, OH, or  $O(C_1-C_3)$ alkyl; and

15

20

G31)  $N(R^{48})C(O)R^{49}$  wherein  
 $R^{48}$  represents H or  $(C_1-C_3)$ alkyl; and  
 $R^{49}$  represents  
 $(CH_2)_{1-3}-CO_2H$ ,  
 $O(C_2-C_4)$ alkyl,  
 $(CH_2)_{1-4}-NR^{50}R^{51}$  wherein  
 $R^{50}$  and  $R^{51}$  independently represent H or  $(C_1-C_3)$ alkyl,  
 or  
 $CH(R^{52})-NR^{53}R^{54}$  wherein  
 $R^{52}$  represents  $(CH_2)_{1-4}-NH_2$ ,  $CH_2OH$ ,  $CH(CH_3)OH$ , or  
 $(C_1-C_3)$ alkyl; and  
 $R^{53}$  and  $R^{54}$  independently represent H or  $(C_1-C_3)$ alkyl.

25

30

7. The compound of claim 6

wherein

$R^1$  represents H;

$R^2$  represents  $O(C_1-C_3)alkyl$ , or  $NR^3R^4$

5            wherein  $R^3$  and  $R^4$  are H or  $(C_1-C_3)alkyl$ ;

$R^{2a}$  represents H;

L represents O or  $CR^6R^7$ , wherein

$R^6$  and  $R^7$  are independently H,  $CH_3$ , or OH;

$G''$  represents a substituent selected from the group consisting of  $O(C_1-C_3)alkyl$ ,  
10            halogen, and  $CF_3$ ;

n and n' are independently 0 or 1, and provisos 1-3 do not apply;

G and G' moieties are independently selected from the group consisting of:

G1) Cl or F;

15

G2)  $O(C_1-C_3)alkyl$ ;

G3) OH ;

20

G4)  $(C_1-C_3)alkyl$ , which is optionally substituted up to three times by  
halogen;

G5)  $OCF_3$ ;

25

G8)  $NR^{10}R^{11}$ , wherein

$R^{10}$  and  $R^{11}$  are independently selected from

H,

$CH_3$ ,

cyclopropyl,

30

benzyl,

$NR^{12}R^{13}$  wherein

$R^{12}$  and  $R^{13}$  are independently H or  $(C_1-C_3)alkyl$ ,  
provided that both  $R^{10}$  and  $R^{11}$  are not  $NR^{12}R^{13}$   
simultaneously,

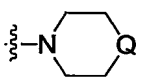


and

(C<sub>2</sub>-C<sub>4</sub>)alkyl which is optionally substituted up to three times by halogen, and up to two times by substituent groups independently selected from hydroxyl, O(C<sub>1</sub>-C<sub>3</sub>)alkyl, and NR<sup>14</sup>R<sup>15</sup>, wherein

R<sup>14</sup> and R<sup>15</sup> are independently H or (C<sub>1</sub>-C<sub>3</sub>)alkyl, or

R<sup>14</sup> and R<sup>15</sup> can join to form a heterocycle of

formula  wherein

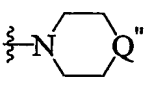
Q represents CH<sub>2</sub>, O, or NR<sup>16</sup>, and

R<sup>16</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G12) OSO<sub>2</sub>NR<sup>23</sup>R<sup>24</sup> wherein

R<sup>23</sup> and R<sup>24</sup> independently represent H, CH<sub>3</sub>, or (C<sub>2</sub>-C<sub>4</sub>)alkyl which may optionally be substituted once by OH or NR<sup>25</sup>R<sup>26</sup>, wherein

R<sup>25</sup> and R<sup>26</sup> independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl;

G22)  wherein

Q'' is O or NR<sup>30</sup>, and

R<sup>30</sup> is H or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and

G31) N(R<sup>48</sup>)C(O)R<sup>49</sup> wherein

R<sup>48</sup> represents H or (C<sub>1</sub>-C<sub>3</sub>)alkyl; and

R<sup>49</sup> represents

(CH<sub>2</sub>)<sub>1-3</sub>-CO<sub>2</sub>H,

O(C<sub>2</sub>-C<sub>4</sub>)alkyl,

(CH<sub>2</sub>)<sub>1-4</sub>-NR<sup>50</sup>R<sup>51</sup> wherein

R<sup>50</sup> and R<sup>51</sup> independently represent H or (C<sub>1</sub>-C<sub>3</sub>)alkyl,

or

CH(R<sup>52</sup>)-NR<sup>53</sup>R<sup>54</sup> wherein

$R^{52}$  represents  $(CH_2)_{1-4}-NH_2$ ,  $CH_2OH$ ,  $CH(CH_3)OH$ , or  $(C_1-C_3)alkyl$ ; and

$R^{53}$  and  $R^{54}$  independently represent H or  $(C_1-C_3)alkyl$ .

- 5 8. A compound selected from the group consisting of
  - 4-{3-[(2-amino-6-phenylpyrimidin-4-yl)amino]phenoxy}-*N*-methylpyridine-2-carboxamide;
  - 4-{3-[(2-amino-6-phenylpyrimidin-4-yl)amino]phenoxy}pyridine-2-carboxamide;
  - 4-{4-[(2-amino-6-phenylpyrimidin-4-yl)amino]phenoxy}pyridine-2-carbonitrile;
  - 10 6-phenyl- $N^4$ -(4-{[2-(trifluoromethyl)pyridin-4-yl]oxy}phenyl)pyrimidine-2,4-diamine;
  - $N^4$ -{4-[(2-chloropyridin-4-yl)oxy]phenyl}-6-phenylpyrimidine-2,4-diamine;
  - 4-{2-amino-6-[(4-{[2-(trifluoromethyl)pyridin-4-yl]oxy}phenyl)amino]pyrimidin-4-yl}phenyl sulfamate;
  - 15 *N*-(4-{2-amino-6-[(4-{[2-(trifluoromethyl)pyridin-4-yl]oxy}phenyl)amino]pyrimidin-4-yl}phenyl)glycinamide trifluoroacetate;
  - 6-(4-aminophenyl)- $N^4$ -(4-{[2-(trifluoromethyl)pyridin-4-yl]oxy}phenyl)pyrimidine-2,4-diamine;
  - 6-(6-aminopyridin-3-yl)- $N^4$ -(4-{[2-(trifluoromethyl)pyridin-4-yl]oxy}phenyl)pyrimidine-2,4-diamine;
  - 20 6-pyridin-3-yl- $N^4$ -(4-{[2-(trifluoromethyl)pyridin-4-yl]oxy}phenyl)pyrimidine-2,4-diamine;
  - N*-[(4-{4-[(2-amino-6-phenylpyrimidin-4-yl)amino]phenoxy}pyridin-2-yl)methyl]-4-methoxybenzenesulfonamide trifluoroacetate;
  - 25 *N*-[(4-{4-[(2-amino-6-phenylpyrimidin-4-yl)amino]phenoxy}pyridin-2-yl)methyl]methanesulfonamide trifluoroacetate;
  - and
  - (4-{4-[(2-amino-6-phenylpyrimidin-4-yl)amino]phenoxy}pyridin-2-yl)methanol trifluoroacetate (salt).
  - 30
9. A pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically acceptable carrier.

10. A method of treatment for a hyperproliferative disorder comprising administering an effective amount of a compound of claim 1 to a subject in need thereof.
11. The method of claim 10 wherein said hyperproliferative disorder is cancer.